

# Public Health *Reports*

## Physician Workforce

219 COMMENTARY

A National Physician Workforce Policy

*Jay Noren*

222 The Impact of Managed Care on the Physician Marketplace

*Carol J. Simon, David Dranove, William D. White*

231 Downsizing the Physician Workforce

*B. Jerald McClendon, Robert M. Politzer, et al.*

240 Time to *B. Cereus* about Hot Chocolate

*Pamela Nelms, Oren Larson, Debora Barnes-Josiah*

## DEPARTMENTS

177 LETTERS TO THE EDITOR

178 PUBLIC HEALTH NEWS & NOTES

245 PHS CHRONICLES

PHS runs narcotics farm in Lexington, Kentucky.

*Caroline Jean Acker*

248 PUBLIC HEALTH & THE LAW

Berge case reversed.

*Susan E. Sherman*

249 BOOK REVIEW

*Coerced Contraception: Moral and Policy Challenges of Long-Acting Birth Control*, edited by Ellen H. Moskowitz and

Bruce Jennings

*Michael A. Grodin*

251 NCHS DATALINE

253 GUIDELINES FOR SUBMISSION

Uniform Requirements for Manuscripts

Submitted to Biomedical Journals

*International Committee of Medical Journal Editors*

**Opinions expressed in *PHR* are authors' and do not reflect the views of the Public Health Service or the institutions or agencies with which the authors are affiliated.**

**Cover: Bananas may serve as a vehicle for edible vaccines (see article on page 190).**

# Public Health *Reports*

**Anthony Robbins, MD**, Editor

E-mail: [robbins@nlm.nih.gov](mailto:robbins@nlm.nih.gov)

*Public Health Reports*

Room 1855

John F. Kennedy Federal Building

Boston MA 02203

Tel. 617-565-1440; fax 617-565-4260

E-mail: [phr@nlm.nih.gov](mailto:phr@nlm.nih.gov)

**Robin Chase**, Editorial Consultant

**Ned Curran**, Associate Editor

**Judy Kaplan**, Scientific Editor

*Public Health Reports* one-year subscription price is \$15 domestic and \$18.75 for foreign subscribers.

A subscription form and other information appear on the back cover.

PUBLIC HEALTH REPORTS

USPS 324-990

ISBN 0033-3549

*Public Health Reports* is published bi-monthly by the U.S. Public Health Service. All material is in the public domain and available for use with proper attribution to *Public Health Reports*. Opinions expressed are the authors' and do not reflect the views of *Public Health Reports* or the Public Health Service. Trade names are used for identification only and do not represent an endorsement by the Service.

Second class postage paid at Washington DC and additional mailing offices. Paying subscribers send address changes to: Superintendent of Documents, P.O. Box 371954, Pittsburgh PA 15250-7954. POSTMASTER: Send address changes to *Public Health Reports*, Room 1855, John F. Kennedy Federal Building, Boston MA 02203.



U.S. DEPARTMENT OF HEALTH

AND HUMAN SERVICES

**Donna E. Shalala, PhD**

Secretary



PUBLIC HEALTH SERVICE

**Jo Ivey Boufford, MD**

Acting Assistant Secretary for Health  
Head, Public Health Service

# In Upcoming Issues

---

## NURSE MIDWIFERY

*Mary Gabay and Sidney Wolfe*

A review of results suggests that greater reliance on certified nurse-midwives  
would improve birthing in America.

---

## RADIOACTIVITY AND MUNICIPAL SEWERAGE

*James E. Martin and Frederick D. Fenner*

How much hospital-generated radioactivity makes it through sewage  
treatment and what are the risks along the way?

---

## PRIVATE HEALTH CARE IN CANADA: SAVIOR OR SIREN?

*Carolyn DeCoster*

What would happen if Canada adopted  
a two-tiered health care system?

---

## OVERSEAS MEDICAL SCREENING OF MIGRANTS

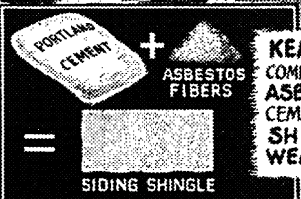
*Jacqueline Weekers and Harald Siem*

What do we gain by demanding that immigrants receive medical exams  
before departing for the United States?—  
the experience from around the world.

# AMAZING ASBESTOS!

by KEASBEY & MATTISON

**DANGER ON FLAMES!**  
WHEN PRODUCER MICHAEL TODD  
PRESENTED A FLAME DANCE AT A  
WORLD'S FAIR, THE LOVELY "MOTH"  
WAS PROTECTED FROM THE FIRE  
BY AN ASBESTOS COSTUME!



**KEASBEY & MATTISON**  
COMBINES FIRE RESISTANT  
ASBESTOS WITH PORTLAND  
CEMENT TO MAKE SIDING  
SHINGLES THAT DEFY  
WEATHER AND TERMITES



Siding that resists fire and weather. Siding that *stops* rodents and termites. Siding that can't rust or rot. These are but a few of the practical advantages you get with "Century" Asbestos-Cement Shingles. And, as desirable as the wearing qualities, is the attractive, modern appearance these shingles give your home. What's more, you can count on the beauty to last. You can see and feel the texture of the authentic cypress grain. And the various colors offered are not pressed

on the surface but are an integral part of the shingles, giving the best assurance of color permanence.

To make an old house look new—to build a new house that will keep its fresh "young" look throughout its lifetime, use K&M "Century" Asbestos-Cement Siding Shingles. Your local Keasbey & Mattison dealer will give you complete information on "Century" Shingles—we'll gladly send you information on any asbestos products.

*Nature made Asbestos...*  
*Keasbey & Mattison has made it serve mankind since 1873*

**KEASBEY & MATTISON**  
COMPANY • AMBLER • PENNSYLVANIA



This advertisement appeared in the March 5, 1951, issue of *Time* magazine. It was in 1935 that William Atmar and Kenneth Lynch published their article making the association between asbestos exposure and lung cancer—the first in the U.S. peer-reviewed literature. Between 1935 and when this advertisement appeared there were numerous peer-reviewed articles on the health effects of asbestos exposure. In fact, a 1950 *Newsweek* piece—now famous because it has been used so often in tort cases about asbestos exposure—quoted William Heuper of the National Cancer Institute saying that asbestos caused lung cancer.

Department of Health and Human Services  
Room 1855  
John F. Kennedy Federal Building  
Boston, MA 02203

Second-Class Mail  
Postage and Fees Paid  
PHS-OASH  
ISSN 0033-3539

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE, \$300

Order Processing Code:  
**\*5778**

☐ **YES**, please send me \_\_\_\_\_ subscriptions to **PUBLIC HEALTH REPORTS (HSMHA)** for \$15.00 each per year (\$18.75 foreign).

The total cost of my order is \$\_\_\_\_\_. Price includes regular domestic postage and handling and is subject to change.

Zip

[illegible]

(Credit card expiration date)

(Authorizing signature)

Mail To: Superintendent of Documents, P.O. Box 371954, Pittsburgh PA 15250-7954